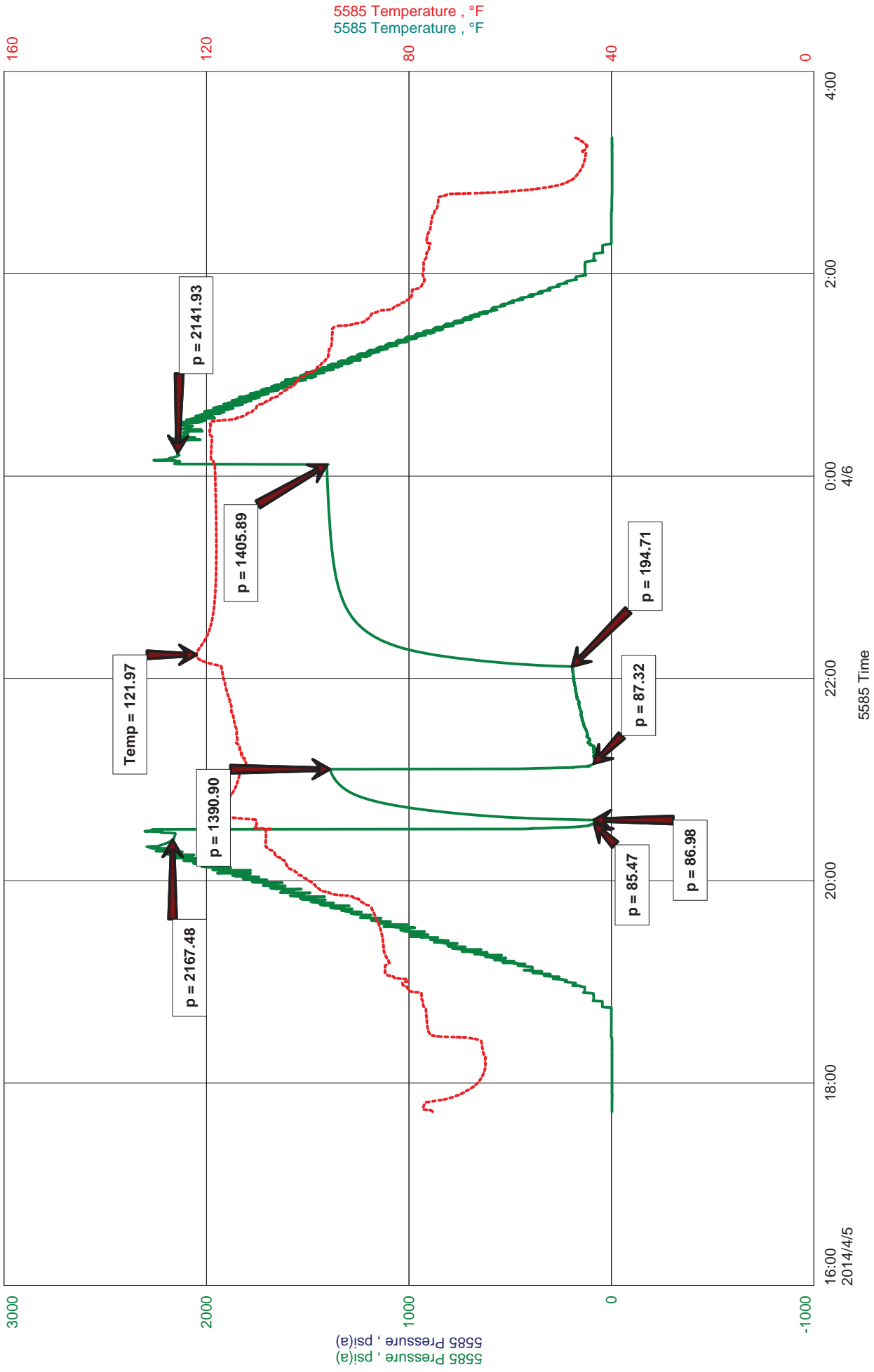


MULL DRLG CO LLC
DST3 MISS 4540-4598
Start Test Date: 2014/04/05
Final Test Date: 2014/04/06

BVW 1-36
Formation: DST3 MISS 4540-4598
Pool: WILDCAT
Job Number: A038

BVW 1-36



DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA
CELL # 620-617-7202

General Information

Company Name	MULL DRLG CO LLC	MARK SHREVE	Job Number	A038
Contact		BVW 1-36	Representative	ANDY CARREIRA
Well Name		DST3 MISS 4540-4598	Well Operator	MULL DRLG CO LLC
Unique Well ID		SEC36-23S-20W EDWARDS CNTY, KS	Report Date	2014/04/05
Surface Location			Prepared By	ANDY CARREIRA
Well License Number				
Field		WILDCAT		
Well Type		Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST3 MISS 4540-4598
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2014/04/05	Start Test Time	17:43:00
Final Test Date	2014/04/06	Final Test Time	03:20:00

Gauge Name	5585
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Test Results

RECOVERY: GTS 5 MIN INTO 2ND OPEN. (GAUGED & SAMPLED)
300' GM 10%G, 90%M

TOOL SAMPLE: 100% MUD



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: BVW 1-36 DST 3

TIME ON: 17:43
 TIME OFF: 03:20

Company MULL DRLG. CO. LLC. Lease & Well No. BVW 1-36
 Contractor DUKE 6 Charge to MULL DRLG. CO. LLC.
 Elevation 2250 GL Formation MISS Effective Pay _____ Ft. Ticket No. AO38
 Date 4-5-14 Sec. 36 Twp. _____ 23 S Range _____ 20 W County EDWARDS State KANSAS
 Test Approved By PHIL ASKEY Diamond Representative ANDY CARREIRA

Formation Test No. 3 Interval Tested from 4540 ft. to 4598 ft. Total Depth 4598 ft.
 Packer Depth 4535 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4540 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 4521 ft. Recorder Number 5585 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 4542 ft. Recorder Number 8471 Cap. 10000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 56 Drill Collar Length 273.32 ft. I.D. 2 1/4 in.
 Weight 9.4 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 7900 P.P.M. Drill Pipe Length 4233.68 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 09 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 58 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: BOB IN 30 SECONDS (NObb)
 2nd Open: BOB IMMEDIATELY. GTS IN 5 MIN, (6"bb)

Recovered <u>300</u> ft. of <u>GM 10%G, 90%M</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>GAUGED GAS: 1/4" ORIFICE, 113.4 CF/D IN 60 MIN.</u>	Insurance
<u>TOOL SAMPLE: 100% MUD</u>	Total

Time Set Packer(s) 8:31 PM A.M. P.M. Time Started Off Bottom 12:06 AM A.M. P.M. Maximum Temperature 122
 Initial Hydrostatic Pressure..... (A) 2167 P.S.I.
 Initial Flow Period..... Minutes 5 (B) 85 P.S.I. to (C) 87 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 1391 P.S.I.
 Final Flow Period..... Minutes 60 (E) 87 P.S.I. to (F) 195 P.S.I.
 Final Closed In Period..... Minutes 120 (G) 1406 P.S.I.
 Final Hydrostatic Pressure..... (H) 2142 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.